

10/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06481451 \*\*Image available\*\*  
METHOD FOR GENERATING SCHEDULE AND RECORD MEDIUM

PUB. NO.: 2000-067028 [JP 2000067028 A]  
PUBLISHED: March 03, 2000 (20000303)  
INVENTOR(s): NISHIDA MASARU  
KONISHI NOBUYUKI  
APPLICANT(s): SUMITOMO METAL IND LTD  
APPL. NO.: 10-237529 [JP 98237529]  
FILED: August 24, 1998 (19980824)

INTL CLASS: G06F-017/00

ABSTRACT

...medium for recording the program.

SOLUTION: A computer 1 lists all combination related with each **order** included in fetched **order** information, and extracts the combination fulfilling a constraint condition from those combination for obtaining them  
...  
... the longitudinal direction of a mother material by using an MIP method or a linear **programing** method. An integer **schedule model** is set in the computer 1, and the computer 1 calculates the number of generation...

10/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05247273 \*\*Image available\*\*  
SOFTWARE PROJECT PROCEEDING MANAGING DEVICE

PUB. NO.: 08-202773 [JP 8202773 A]  
PUBLISHED: August 09, 1996 (19960809)  
INVENTOR(s): KAMIKUBO TADAMASA  
MOURI SHIYUNJI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-013475 [JP 9513475]  
FILED: January 31, 1995 (19950131)

INTL CLASS: G06F-017/60 ; G06F-009/06  
...JAPIO CLASS: Arithmetic **Sequence** Units)

ABSTRACT

... measures of delay, etc., by grasping the conditions of proceeding by considerably improving accuracy for **project planning** by **estimating** man-hours for each result prepared by each process of the project proceeding process, estimating...  
...of unfixed factors in the specification of the input result required for that man- hour **estimation** , and correcting the **project planning** based on that **estimation** .

...

... condition of the worker, an advance control part 8 instructs a delay alarm or preferential **executing** work to the worker. A result man-hour estimating part 3 estimates the man-hours

10/3,K/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05140305      \*\*Image available\*\*  
TASK MANAGEMENT DEVICE

PUB. NO.:        08-095805    [JP 8095805    A]  
PUBLISHED:      April 12, 1996 (19960412)  
INVENTOR(s):    MOCHIZUKI HIDEKI  
                 KUROSE HIDEOTO  
                 KODATE FUJIO  
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
                 (Japan)  
APPL. NO.:      06-231101    [JP 94231101]  
FILED:          September 27, 1994 (19940927)

INTL CLASS:     G06F-009/46  
...JAPIO CLASS: Arithmetic **Sequence** Units)

#### ABSTRACT

PURPOSE: To select a task which is low in **priority** level without changing the position of the task in a task ready queue by selecting the task which is low in **priority** each time a task schedule is generated from timer information and timing information...  
...timing mask 10 is '1', a task is selected on the basis of a special **priority** level schedule instead of a **priority** level schedule. In the special **priority** level schedule, a bit map 5 **indicating** the position of an **executable** task for a **priority** level schedule in a ready queue is masked with one of bit patterns 4a-4d of a bit pattern 4 to find a bit map 6 **indicating** the position of an **executable** task for the special **priority** level schedule in the ready queue. With this bit map, special **priority** level **scheduling** is performed to select, for **example**, the task 8c which is low in **priority**.

10/3,K/4        (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04587355      \*\*Image available\*\*  
ACTION PLAN GENERATING DEVICE

PUB. NO.:        06-259255    [JP 6259255    A]  
PUBLISHED:      September 16, 1994 (19940916)  
INVENTOR(s):    SUZUKI JUNZO  
APPLICANT(s):   TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
                 (Japan)  
APPL. NO.:      05-042954    [JP 9342954]  
FILED:          March 03, 1993 (19930303)  
JOURNAL:        Section: P, Section No. 1843, Vol. 18, No. 659, Pg. 75,  
                 December 13, 1994 (19941213)

INTL CLASS:     G06F-009/44 ; G05B-013/02  
...JAPIO CLASS: Arithmetic **Sequence** Units); 11.3 (AGRICULTURE...

#### ABSTRACT

... the limit conditions for the function/structure or the like of the object related to **action** **plan** problems as **models**, and a **model** expressing means 2 supports the construction of models by defining the expressed forms of models...

...operation while considering the limit condition to each operation. These operations are performed by an **execution** control CPU 6 or the like.

10/3,K/5        (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

04524207      \*\*Image available\*\*  
PLAN KNOWLEDGE GENERATION SUPPORTING DEVICE

PUB. NO.: 06-168107 [JP 6168107 A]  
PUBLISHED: June 14, 1994 (19940614)  
INVENTOR(s): NISHIMURA KAZUHIKO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-319611 [JP 92319611]  
FILED: November 30, 1992 (19921130)  
JOURNAL: Section: P, Section No. 1802, Vol. 18, No. 500, Pg. 80,  
September 19, 1994 (19940919)

INTL CLASS: G06F-009/06 ; G06F-009/44 ; G06F-015/20  
...JAPIO CLASS: Arithmetic Sequence Units); 36.1 (LABOR SAVING DEVICES  
...

#### ABSTRACT

PURPOSE: To automatically generate an operation knowledge required for  
**plan** generation from **models** of **actions** which respective entities of a  
controlled system can take...

10/3,K/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04233543 \*\*Image available\*\*  
EDITING SYSTEM FOR ELECTRONIC NEWSPAPER

PUB. NO.: 05-225243 [JP 5225243 A]  
PUBLISHED: September 03, 1993 (19930903)  
INVENTOR(s): WATANABE KAZUNARI  
KUBOTA MITSUHIRO  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese  
Company or Corporation), JP (Japan)  
APPL. NO.: 04-023452 [JP 9223452]  
FILED: February 10, 1992 (19920210)  
JOURNAL: Section: P, Section No. 1659, Vol. 17, No. 677, Pg. 87,  
December 13, 1993 (19931213)

INTL CLASS: G06F-015/40

#### ABSTRACT

... an input part 11 of a home terminal or the like to transmit designation  
of **priority** levels of individual fields and designation of a printing  
ratio to an editing schedule management part 21 of a center together with a  
date. The user designates the **priority** level of each field by the former  
designation and designates the apportionment of printing to...

... field by the latter designation. The editing device performs editing in  
accordance with the designated **schedule**. For **example**, when the  
**priority** level of the sports field is highest and that of the political  
field is second highest, more articles are selected from articles having  
higher **priority** levels in the sports field and rather less articles are  
selected from articles in the political field based on **priority** levels  
preliminarily given to individual fields in an article data base 12. The  
edited electronic...

10/3,K/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

04014571 \*\*Image available\*\*  
PROJECT MANAGEMENT SYSTEM

PUB. NO.: 05-006271 [JP 5006271 A]  
PUBLISHED: January 14, 1993 (19930114)  
INVENTOR(s): NAKAI YASUHARU

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-181937 [JP 91181937]  
FILED: June 26, 1991 (19910626)  
JOURNAL: Section: P, Section No. 1543, Vol. 17, No. 267, Pg. 83, May  
25, 1993 (19930525)

INTL CLASS: **G06F-009/06 ; G06F-015/21**  
...JAPIO CLASS: Arithmetic **Sequence** Units); 45.4 (INFORMATION PROCESSING  
...

ABSTRACT

...CONSTITUTION: At a host computer 2, the project management is **executed** parallelly with program development, and operations for the program development and the project management are **executed** by a terminal 1 connected to the host computer 2. Among data required for the **project management**, data not to be automatically **sampled** are inputted from the terminal 1 and registered on files 10 and 11 by modules 4 and 5 in the host computer 2, and the data required for the **project management** are automatically **sampled** according to the passage information of the program development and registered on a file 12...

**10/3,K/8 (Item 8 from file: 347)**  
DIALOG(R)File 347:JAPIO  
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03745960 \*\*Image available\*\*  
METHOD AND SYSTEM DEVICE FOR OFFERING ESTIMATION OF TRAINING

PUB. NO.: 04-111060 [JP 4111060 A]  
PUBLISHED: April 13, 1992 (19920413)  
INVENTOR(s): KODERA YUKIMI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-229761 [JP 90229761]  
FILED: August 30, 1990 (19900830)  
JOURNAL: Section: P, Section No. 1396, Vol. 16, No. 361, Pg. 84,  
August 05, 1992 (19920805)

INTL CLASS: **G06F-015/21**

ABSTRACT

PURPOSE: To easily **execute** estimation without fail and to exactly manage data by inputting the condition of the estimation...

...CONSTITUTION: This device is equipped with a **project management** processing part 2, **project** information file 3, **estimation** data processing part 5, estimation calculation formula data file 6, estimation item data file 7...

**10/3,K/9 (Item 9 from file: 347)**  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03628849 \*\*Image available\*\*  
PERSONAL SCHEDULE CONTROLLER

PUB. NO.: 03-291749 [JP 3291749 A]  
PUBLISHED: December 20, 1991 (19911220)  
INVENTOR(s): YAMASHITA SHUICHI  
MURO ATSUSHI  
NUKUI YOSHIRO  
APPLICANT(s): DAINIPPON PRINTING CO LTD [000289] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-093761 [JP 9093761]  
FILED: April 09, 1990 (19900409)

JOURNAL: Section: P, Section No. 1331, Vol. 16, No. 125, Pg. 107,  
March 30, 1992 (19920330)

INTL CLASS: G06F-015/21

ABSTRACT

... system is previously stored in a user information memory 12. First of all, the user **execute** the processing of starting the access toward the most closest terminal such as a terminal 42, for **example**. When selecting a self **schedule** table display **command**, a self **schedule** table preparation part 21 retrieves a schedule memory 11 from the terminal 42 and the...

10/3,K/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

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01291953 \*\*Image available\*\*

INTERPRETING SYSTEM OF COMPUTER SYSTEM

PUB. NO.: 59-003553 [JP 59003553 A]

PUBLISHED: January 10, 1984 (19840110)

INVENTOR(s): IKEDA TAKAAKI

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 57-112853 [JP 82112853]

FILED: June 30, 1982 (19820630)

JOURNAL: Section: P, Section No. 270, Vol. 08, No. 89, Pg. 46, April  
24, 1984 (19840424)

INTL CLASS: G06F-009/06

...JAPIO CLASS: Arithmetic **Sequence** Units)

ABSTRACT

PURPOSE: To produce an optimum instruction train to computers of different instruction **executing** time ratios, by preparing previously a computer **model** - based instruction **executing time table** and then selecting an optimum instruction train to produce an object program...

...CONSTITUTION: A computer **model** -based instruction **executing time table** 6 is provided at a code generating part 4. A sentence structure analyzing part 3...

... table 6 based on the information given from the part 3 to obtain the instruction **executing** time of the corresponding model. Then the part 4 calculates the **executing** time of each set of instructions and obtains the minimum value of the **executing** time. As a result, the part 4 discriminates an optimum instruction train to the corresponding...

... of instruction groups which is suited to the corresponding computer model and gives the minimum **executing** time.

10/3,K/11 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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00637254 \*\*Image available\*\*

ASSEMBLING WORK INSTRUCTION FORMING MACHINE

PUB. NO.: 55-124854 [JP 55124854 A]

PUBLISHED: September 26, 1980 (19800926)

INVENTOR(s): IZUYAMA YOSHIO

MIYAKI EISUKE

WAKASUGI SHIGERU

KUSHIMA HIROSHI

APPLICANT(s): ASahi CHEM IND CO LTD [000003] (A Japanese Company or  
Corporation), JP (Japan)

APPL. NO.: 54-032217 [JP 7932217]  
FILED: March 22, 1979 (19790322)  
JOURNAL: Section: P, Section No. 40, Vol. 04, No. 180, Pg. 148,  
December 12, 1980 (19801212)

INTL CLASS: G06F-015/20 ; B41J-005/08

#### ABSTRACT

...CONSTITUTION: The operator performs input by looking into the **assignment** table based on the production **plan**. Taking an **example** as cloth production. When the assembling work instruction forming machine is ON, the style name of the operation **indicator** 15 is illuminated. The operator keys in the style name according to the operation **indicator** 15. When the style name is inputted, then, input is continued as delivery and part...

10/3,K/12 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014519033 \*\*Image available\*\*  
WPI Acc No: 2002-339736/200237  
Related WPI Acc No: 2002-339735; 2002-339746; 2002-415634  
XRPX Acc No: N02-267163

**Developing project plans from workflow by generating plan of tasks with selection of suitable resources and receiving resource capability change information**

Patent Assignee: TOGETHERSOFT CORP (TOGE-N)  
Inventor: CHARISIUS D; COAD P; KERN J; OKRUGIN M  
Number of Countries: 097 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200219226	A1	20020307	WO 2001US27201	A	20010831	200237 B

Priority Applications (No Type Date): US 2001296707 P 20010607; US 2000230054 P 20000901

#### Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200219226	A1	E	120	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

#### Abstract (Basic):

... a plan to perform an instance of the process, selecting a resource, receiving modification information **indicating** that the resource capabilities have changed, and assigning the resources to the tasks to generate...

...assigned to a resource that can perform an additional task, and replacement information is received **indicating** that a resource should be replaced by another.

... The figure shows a **workflow modelling** and **project planning** integration tool for the method...

International Patent Class (Main): G06F-017/60

10/3,K/13 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014519032 \*\*Image available\*\*  
WPI Acc No: 2002-339735/200237  
Related WPI Acc No: 2002-339736; 2002-339746; 2002-415634

XRPX Acc No: N02-267162

**Integrating business process with project plan by creating predecessor and successor tasks according to start and end times and allocated resources**

Patent Assignee: CHARISIUS D (CHAR-I); KERN J (KERN-I); TOGETHERSOFT CORP (TOGE-N)

Inventor: CHARISIUS D; KERN J

Number of Countries: 097 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200219224	A1	20020307	WO 2001US27177	A	20010831	200237 B
US 20020077842	A1	20020620	US 2000230054	P	20000901	200244
			US 2001296707	P	20010607	
			US 2001944697	A	20010831	

Priority Applications (No Type Date): US 2001296707 P 20010607; US 2000230054 P 20000901; US 2001944697 A 20010831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200219224	A1	E	97	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020077842	A1			G06F-007/00	Provisional application US 2000230054
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Provisional application US 2001296707

Abstract (Basic):

... start, end and user input. A successor task is then created and the plan is **activated** and monitored. Monitoring is by notifying the predecessor resource to begin the task at the...

... The figure shows an overview of the **workflow modelling** and **project planning** integration tool for the method...

International Patent Class (Main): **G06F-007/00** ...

... **G06F-017/60**

**10/3,K/14 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014402401 \*\*Image available\*\*

WPI Acc No: 2002-223104/200228

**Internet advertising effectiveness model**

Patent Assignee: AHN J B (AHNJ-I)

Inventor: AHN J B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001096893	A	20011108	KR 200019885	A	20000415	200228 B

Priority Applications (No Type Date): KR 200019885 A 20000415

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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KR 2001096893	A			1 G06F-017/60	
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Abstract (Basic):

... An internet advertising effectiveness **model** is provided to integrate a **project**, a **plan** and an **execution** of a medium, a creative manufacture, and a development of an advertisement solution as a...

... an AOMS(Ad digital one to one marketing solution)(60). An effective analysis to the **executed** advertisement is obtained through an AMES(Ad management and effect measurement solution)(70...

International Patent Class (Main): G06F-017/60

10/3,K/15 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014378783 \*\*Image available\*\*  
WPI Acc No: 2002-199486/200226  
XRPX Acc No: N02-151614

**Information recording medium for recording care service assistance  
program in personal computer, executes care plan production to  
estimate care service for selected care service users based on their  
care service needs**

Patent Assignee: MEDISU KK (MEDI-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001350844	A	20011221	JP 2000170946	A	20000607	200226 B

Priority Applications (No Type Date): JP 2000170946 A 20000607

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001350844	A	17	G06F-017/60	

**Information recording medium for recording care service assistance  
program in personal computer, executes care plan production to  
estimate care service for selected care service users based on their  
care service needs**

Abstract (Basic):

... based on care service assessment information input by an  
operator. Care plan generation method is **executed** which determines  
the care service that should be provided to the selected care service  
users...

...Title Terms: **EXECUTE** ;

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-003/00 ...

... G06F-019/00

10/3,K/16 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014231991 \*\*Image available\*\*  
WPI Acc No: 2002-052689/200207  
XRPX Acc No: N02-039126

**Task - scheduling estimate display method for assisting software  
debugging, involves simulating scheduling of operating system to estimate  
and display operation time of subsequent task**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001306356	A	20011102	JP 2000123293	A	20000424	200207 B

Priority Applications (No Type Date): JP 2000123293 A 20000424

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001306356	A	8	G06F-011/28	

**Task - scheduling estimate display method for assisting software  
debugging, involves simulating scheduling of operating system to estimate  
and...**

Abstract (Basic):

... An INDEPENDENT CLAIM is also included for **task - scheduling  
estimate display apparatus...**



...task transition state, it is easy to understand task transition intuitively. The confirmation of the **execution** of a particular operation in a multi-tasking environment is simplified by referring to the...

...The figure shows the multi- **task scheduling estimate** display apparatus. (Drawing includes non-English language text...

International Patent Class (Main): **G06F-011/28**

International Patent Class (Additional): **G06F-009/46**

**10/3,K/17 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014221062 \*\*Image available\*\*

WPI Acc No: 2002-041760/200205

XRPX Acc No: N02-030964

**System for listing information relating to a construction project over a communication network in an on-line database stored at a server in order to create project quantities**

Patent Assignee: THOMPSON F (THOM-I)

Inventor: THOMPSON F

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200188740	A1	20011122	WO 2001US12525	A	20010417	200205 B
AU 200153617	A	20011126	AU 200153617	A	20010417	200222
US 6393410	B1	20020521	US 2000570087	A	20000512	200239

Priority Applications (No Type Date): US 2000570087 A 20000512

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200188740 A1 E 36 G06F-017/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200153617 A G06F-017/00 Based on patent WO 200188740

US 6393410 B1 G06F-017/60

... **project over a communication network in an on-line database stored at a server in order to create project quantities**

Abstract (Basic):

... A system host (15) runs a program that controls the display process of quantities, **estimates**, bids, **project schedules** and shows drawings on a **project** stored in a database (30) over a communication network and different purchasers can log into...

...Title Terms: **ORDER** ;

International Patent Class (Main): **G06F-017/00** ...

... **G06F-017/60**

**10/3,K/18 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014196808 \*\*Image available\*\*

WPI Acc No: 2002-017505/200202

XRPX Acc No: N02-013993

**Networked computer systems representation for business administration, involves redisplaying link representing relationship between component of node and remote component of networked system after replacing node icon**

Patent Assignee: COMPUTER ASSOC THINK INC (COMP-N)

Inventor: BATTAT R; HER M; SUNDARESH C; VINBERG A; WANG S

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200177854	A1	20011018	WO 2001US11568	A	20010409	200202 B
AU 200155285	A	20011023	AU 200155285	A	20010409	200213

Priority Applications (No Type Date): US 2000545024 A 20000407

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200177854 A1 E 108 G06F-015/173

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200155285 A G06F-015/173 Based on patent WO 200177854

Abstract (Basic):

... for different applications such as information technology and  
business management administration such as network management,  
**modeling** , website design and **project management** , workstation  
configuration control, application monitoring for software license  
compliance, software application distribution, software version control  
...

...and correction of any problem, effectively identified by use of  
navigation tools and by directly **activating** manipulation and control  
software to correct the problem...

International Patent Class (Main): G06F-015/173

International Patent Class (Additional): G06F-003/00

10/3,K/19 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014137779 \*\*Image available\*\*

WPI Acc No: 2001-621990/200172

XRPX Acc No: N01-464313

**Construction plan support system for engineering construction work,**  
**combines three dimensional model of construction section with**  
**construction plan, and displays it**

Patent Assignee: OHBAYASHI GUMI KK (OHBA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001249985	A	20010914	JP 2000387612	A	20001220	200172 B

Priority Applications (No Type Date): JP 99371100 A 19991227

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001249985 A 18 G06F-017/60

Abstract (Basic):

... produces the three dimensional model of each construction  
section involved in the construction. A process **planning program**  
(12) produces the construction **plan** . The three dimensional **model** of  
the construction section is combined with the construction plan, and is  
displayed.

... Since the modifications made in three dimensional model of a  
construction section is **indicated** by display, the construction plan  
is performed efficiently...

International Patent Class (Main): G06F-017/60

...International Patent Class (Additional): G06F-017/50

10/3,K/20 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013956889 \*\*Image available\*\*  
WPI Acc No: 2001-441103/200147  
XRPX Acc No: N01-326339

**Project management system has processor connected to memory, for  
generating project model using project management information**  
Patent Assignee: STRATEGIC SIMULATION SYSTEMS INC (STRA-N)  
Inventor: COOPER K G; DIEGUEZ G A; KELLY T G; MULLEN T W; PRABHAKER V;  
REICHELT K S; TAYLOR H F; YEAGER L  
Number of Countries: 018 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200116838	A2	20010308	WO 2000US23678	A	20000829	200147 B

Priority Applications (No Type Date): US 2000521373 A 20000308; US 99151555  
P 19990830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200116838	A2	E	80	G06F-017/60	

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

**Project management system has processor connected to memory, for  
generating project model using project management information**

Abstract (Basic):

... A memory stores **executable** code for configuring, analyzing and  
simulating project management information. A processor connected to the  
memory, generates a **project model** using the **project management**  
information. Time varying productivity and time-varying quality for the  
project model is calculated for...

... project into smaller bundles and thus reducing complexity of  
units. Offers memory device that stores **executable** code for  
configuring, analyzing and simulating project management information  
and also stores characteristics of other...

International Patent Class (Main): **G06F-017/60**

10/3,K/21 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013653259 \*\*Image available\*\*  
WPI Acc No: 2001-137471/200114  
XRPX Acc No: N01-100147

**Computer system for modeling business work flows, includes peripheral  
controller that orchestrates cooperation of application program with  
external devices and agents**

Patent Assignee: OCTANE SOFTWARE INC (OCTA-N)

Inventor: CLEMENTS M R; GRYPHON R L

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200058873	A1	20001005	WO 2000US7795	A	20000323	200114 B
AU 200040252	A	20001016	AU 200040252	A	20000323	200114

Priority Applications (No Type Date): US 99126459 P 19990326

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200058873	A1	E	179	G06F-017/50	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

Abstract (Basic):

... Server **executed** application program, has business work flows to control program using business rules. Business information objects ...

...the program. Mappers transfer data between persistent storage and business objects. A synchronizer controls and **sequences** program operations. The peripheral controller orchestrates cooperation of application program with external devices and agents.

... Allows for easy and efficient **modeling** of **business** work **flows** by separating the **workflow modeling** process from details of both user interface and storage of data onto system, thereby process...

International Patent Class (Main): G06F-017/50  
International Patent Class (Additional): G06F-007/60

10/3,K/22 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013595830 \*\*Image available\*\*  
WPI Acc No: 2001-080037/200109  
XRPX Acc No: N01-060985

**Visual** work flow model **generation method for business** planning ,  
**involves associating translation map objects with one or more process**  
**steps in defined business plan**

Patent Assignee: OCTANE SOFTWARE INC (OCTA-N); E.PIPHANY INC (EPIP-N)

Inventor: CLEMENTS M R; GRYPHON R L; MAKAGON K R

Number of Countries: 092 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200058874	A1	20001005	WO 2000US7893	A	20000323	200109 B
AU 200040280	A	20001016	AU 200040280	A	20000323	200109
US 6233537	B1	20010515	US 99126456	A	19990326	200129
			US 2000501325	A	20000209	

Priority Applications (No Type Date): US 2000126456 A 20000209; US 99126456  
P 19990326; US 2000501325 A 20000209

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200058874 A1 E 38 G06F-017/50

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH  
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200040280 A G06F-017/50 Based on patent WO 200058874

US 6233537 B1 G06F-017/50 Provisional application US 99126456

**Visual** work flow model **generation method for business** planning ,  
**involves associating translation map objects with one or more process**  
**steps in defined business plan**

Abstract (Basic):

... Each processing steps involved in a business activity are named, and arranged in a logical **sequence** . Then, triggering events associated with the processing steps are defined along with the operations to...

...For generating visual **work flow models** using visual **business modeling** language (BML) for business planning...

International Patent Class (Main): G06F-017/50

International Patent Class (Additional): G06F-007/60

DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013508366 \*\*Image available\*\*  
WPI Acc No: 2000-680312/200067  
XRPX Acc No: N00-503606

**Process sequences monitoring and control method, includes capacity planning for use of human resource and performance of production devices and machines, especially robots**

Patent Assignee: COLUMBUS CONSULTING GMBH (COLU-N)

Inventor: KAISER A; SCHLERETH T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19911699	A1	20000921	DE 1011699	A	19990316	200067 B

Priority Applications (No Type Date): DE 1011699 A 19990316

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19911699	A1		16	G06F-017/60	

**Process sequences monitoring and control method, includes capacity planning for use of human resource and performance of...**

Abstract (Basic):

... optimizing process- and/or work-project plans in the field of testing and controlling process **sequences** or operations, especially with regard to the resources management and capacity planning/simulation of projects...

...deadline calendar of the company project workers are used as the basis of calculation or **estimation**. Capacity **planning** involves comparing a desired **project - plan** with the actual use of the human resources capacity. Modified process- and/or work plans...

... work units e.g. machines, especially robots used within the framework of a fixed process **sequence**.

...

...A **sequence** chart shown for capacity planning, based on a MS-project plan

...Title Terms: **SEQUENCE** ;

International Patent Class (Main): **G06F-017/60**

**10/3,K/24 (Item 13 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013364898 \*\*Image available\*\*  
WPI Acc No: 2000-536837/200049  
XRPX Acc No: N00-397439

**Money loading control for automatic teller machine in financial institution, involves judging money loading priority based on estimated transaction and planning money loading control based on money charge priority**

Patent Assignee: FUJITSU LTD (FUIT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000207480	A	20000728	JP 9910317	A	19990119	200049 B

Priority Applications (No Type Date): JP 9910317 A 19990119

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000207480	A		16	G06F-019/00	

**Money loading control for automatic teller machine in financial institution, involves judging money loading priority based on estimated transaction and planning money loading control based on money charge priority**

Abstract (Basic):

... in each store is calculated based on transaction information for each ATM. The money charge **priority** is judged based on the estimated result and amount of balance in the ATM. The money loading control is planned, based on money charged **priority** .  
...Title Terms: **PRIORITY** ;  
International Patent Class (Main): **G06F-019/00**

**10/3,K/25** (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013306932 \*\*Image available\*\*  
WPI Acc No: 2000-478869/200042  
XRPX Acc No: N00-356994

**Train operation management apparatus reproduces execution time table based on alarm output indicating crewman's non-appropriating train signal**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000177589	A	20000627	JP 98356520	A	19981215	200042 B

Priority Applications (No Type Date): JP 98356520 A 19981215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000177589	A	6	B61L-027/00	

**Train operation management apparatus reproduces execution time table based on alarm output indicating crewman's non-appropriating train signal**

Abstract (Basic):

... A crewman's non-appropriating train signal is generated based on contents of **execution** time table and implementation performance information and a corresponding alarm is also output. Based on alarm output, the implementation performance information is referred to reproduce **execution** time table.  
... performance time table for objective route. A subsequent estimation time table is produced by comparing **execution** time table and program time table to detect disturbance of **time table** . Based on **estimation** and **program time tables** , subsequent **execution time table** is produced...  
...Title Terms: **EXECUTE** ;  
International Patent Class (Additional): **G06F-017/60**

**10/3,K/26** (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013166603 \*\*Image available\*\*  
WPI Acc No: 2000-338476/200029  
XRPX Acc No: N00-254087

**Electrical circuit operation simulating method involves scheduling functions for execution based on priority , based on number of interceding functions between their outputs and that of simulation model**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )  
Inventor: PARSON D E  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6053947	A	20000425	US 97866937	A	19970531	200029 B

Priority Applications (No Type Date): US 97866937 A 19970531

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 6053947 A 26 G06F-017/50

**Electrical circuit operation simulating method involves scheduling functions for execution based on priority , based on number of interceding functions between their outputs and that of simulation model**  
Abstract (Basic):

... varied in a simulation model, is given to sub circuit functions. Functions are scheduled for **execution** based on **priority** , based on number of interceding functions between their outputs and that of simulation model. When output of **executed** function with highest **priority** corresponds to that of simulation model, simulator is provided with the function output.  
... and notation as net list languages. The circuit topology is also used to assign optimal **execution priorities** to sub-circuit models . During simulation, **model** functions are **scheduled** and **executed** according to their **priority** , to improve run-time efficiency...  
...Title Terms: **EXECUTE** ;  
International Patent Class (Main): **G06F-017/50**

10/3,K/27 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013105920 \*\*Image available\*\*  
WPI Acc No: 2000-277791/200024  
XRPX Acc No: N00-209134

**Production planning apparatus for inventory supplement system, has calculator for calculating exhaustion day of stock based on which production planning is done to give higher priority to specific product numbers**

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000075906	A	20000314	JP 98247123	A	1998090	200024 B

Priority Applications (No Type Date): JP 98247123 A 19980901  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000075906 A 5 G05B-015/02

... **calculating exhaustion day of stock based on which production planning is done to give higher priority to specific product numbers**  
Abstract (Basic):

... a day on which amount of stock will get exhausted based on inventory data and **order** -received information and transportation performance, for each product number. Production planning unit (4) **estimates** production **plan** so as to give higher **priority** to specific product numbers based on calculated day on which amount of stock for that...  
... the exhaustion day of amount of stock for every product number combining the amount of **orders** included in **order** -received information...  
...Since the production planning unit assigns **priority** to the production of various product numbers based on the exhaustion day of amount of...  
...Title Terms: **PRIORITY** ;  
...International Patent Class (Additional): **G06F-019/00**

10/3,K/28 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

013056961 \*\*Image available\*\*  
WPI Acc No: 2000-228829/200020  
XRPX Acc No: N00-172037

**Arrow diagram producing method of project management system, involves using project information and arrow diagram production model**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000047865	A	20000218	JP 98216843	A	1998073	200020 B

Priority Applications (No Type Date): JP 98216843 A 19980731

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000047865	A		8	G06F-009/06	

**Arrow diagram producing method of project management system, involves using project information and arrow diagram production model**

...Abstract (Basic): and arrow diagram model. Since acquisition of progress situation and correction of arrow diagram by **priority** level are automatable, operation load in status control of project is reduced.

Raises operation efficiency...

International Patent Class (Main): **G06F-009/06**

International Patent Class (Additional): **G06F-003/00 ...**

... **G06F-017/60**

**10/3,K/29 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

013051533 \*\*Image available\*\*

WPI Acc No: 2000-223387/200019

XRPX Acc No: N00-167419

**Distributed computer process scheduling mechanism for complex system modeling in scientific research, stores execution schedules in task schedule computer and retrieves upon necessity**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: KUTCHER J M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6032172	A	20000229	US 97865573	A	19970529	200019 B

Priority Applications (No Type Date): US 97865573 A 19970529

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6032172	A		16	G06F-009/00	

**Distributed computer process scheduling mechanism for complex system modeling in scientific research, stores execution schedules in task schedule computer and retrieves upon necessity**

Abstract (Basic):

... The schedule specifying the **execution** times and tasks to be performed is stored in a task schedule computer. The task...

... By scheduling automatic **execution** of computer processes the mechanism contributes to the flexibility of scheduled computer processing. The processing...

...Title Terms: **EXECUTE ;**

International Patent Class (Main): **G06F-009/00**

**10/3,K/30 (Item 19 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012765487 \*\*Image available\*\*

WPI Acc No: 1999-571615/199948

XRPX Acc No: N99-421247

**Method for computerized supply chain planning, comprising data model containing at least one order which comprises at least one activity**



Patent Assignee: SAP AG (SAPS-N); SOHNER V A (SOHN-I)

Inventor: SOEHNER V; SOHNER V A

Number of Countries: 085 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9945486	A1	19990910	WO 99EP1346	A	19990302	199948 B
AU 9931430	A	19990920	AU 9931430	A	19990302	200007
EP 1058902	A1	20001213	EP 99913211	A	19990302	200066
			WO 99EP1346	A	19990302	
JP 2002505987	W	20020226	WO 99EP1346	A	19990302	200219
			JP 2000534959	A	19990302	
US 20020032492	A1	20020314	US 9833840	A	19980303	200222
			US 2001838793	A	20010420	

Priority Applications (No Type Date): US 9833840 A 19980303; US 2001838793 A 20010420

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9945486 A1 E 29 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9931430 A G06F-017/60 Based on patent WO 9945486

EP 1058902 A1 E G06F-017/60 Based on patent WO 9945486

Designated States (Regional): AT BE CH DE FR GB IE IT LI LU

JP 2002505987 W 29 B65G-001/137 Based on patent WO 9945486

US 20020032492 A1 G06F-019/00 Cont of application US 9833840

**Method for computerized supply chain planning, comprising data model containing at least one order which comprises at least one activity**

Abstract (Basic):

... least one activity is linked to a reference to all immediately subsequent activities of the **order**. Each of at least one activity is linked to a reference to all immediately preceding activities of the **order**.

... resource, which is in turn linked to subsequent activities A5,A8 (115,118) in chronological **order** according to schedule time. This facilitates the **scheduling** of new **activities** on particular resources. For **example**, in **order** to **schedule** a new **activity** on a resource, an application program must first check the activity immediately before and the...

...Title Terms: **ORDER**;

...International Patent Class (Main): G06F-017/60 ...

... G06F-019/00

10/3,K/31 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012452779 \*\*Image available\*\*

WPI Acc No: 1999-258887/199922

XRPX Acc No: N99-193014

**Robot implemented expert bending program production system for curved sheet metal component manufacture - includes set of expert modules which are selectively activated to generate curved plan, based on curved model generated beforehand**

Patent Assignee: AMADA CO LTD (AMAC ); US AMADA LTD (USAM )

Number of Countries: 001 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11077162	A	19990323	JP 97238741	A	19970903	199922 B
JP 3212918	B2	20010925	JP 97238741	A	19970903	200162
JP 2001265422	A	20010928	JP 97238741	A	19970903	200172

Priority Applications (No Type Date): JP 97238741 A 19970903; JP 200151117 A 19970903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11077162	A		80	B21D-005/01	
JP 3212918	B2		80	B21D-005/01	Previous Publ. patent JP 11077162
JP 2001265422	A		76	G05B-019/418	Div ex application JP 97238741

... includes set of expert modules which are selectively activated to generate curved plan, based on curved model generated beforehand

...Abstract (Basic): metal parts to be manufactured is generated by a high intelligence manufacturing system. A curved **plan** is proposed by an expert **program** system based on the curved **model**. The expert program system has several expert modules which are **activated** selectively and the curved plan is generated accordingly...

...Title Terms: **ACTIVATE** ;

...International Patent Class (Additional): **G06F-017/30** ...

... **G06F-017/50**

10/3,K/32 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

012130266 \*\*Image available\*\*

WPI Acc No: 1998-547178/199847

XRPX Acc No: N98-426408

**Service management system for projects such as industry program , new model development planning - has multiple databases to register direction rule, management data, modification contents, indication contents**

Patent Assignee: HONDA GIKEN KOGYO KK (HOND ); HONDA MOTOR CO LTD (HOND )

Inventor: KAZAMI I; SERIKAWA S; SHIMOMURA Y; SOIDA F

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10240813	A	19980911	JP 9741821	A	19970226	199847 B
US 6321204	B1	20011120	US 9821243	A	19980210	200174
IT 1298924	B	20000207	IT 98RM110	A	19980223	200176

Priority Applications (No Type Date): JP 9741821 A 19970226

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10240813	A		7	G06F-017/60	
US 6321204	B1			G06F-017/60	
IT 1298924	B			G06K-000/00	

**Service management system for projects such as industry program , new model development planning - ...**

...has multiple databases to register direction rule, management data, modification contents, indication contents

...Abstract (Basic): of problem solving and confirmation result. A standard management database (8) registers contents of an **indication**. The management database registers the contents extracted from the problem and the confirmation result...

...Title Terms: **INDICATE** ;

International Patent Class (Main): **G06F-017/60** ...

International Patent Class (Additional): **G06F-019/00**

10/3,K/33 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

011066614      \*\*Image available\*\*

WPI Acc No: 1997-044538/199705

XRPX Acc No: N97-036982

**Modular print engine task scheduling system e.g. for copier - has scheduling device which correlates user input information with available properties of printing machine to complete task**

Patent Assignee: XEROX CORP (XERO )

Inventor: FROMHERZ M P J

Number of Countries: 005    Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 747794	A2	19961211	EP 96304271	A	19960607	199705 B
JP 9001898	A	19970107	JP 96142995	A	19960605	199711
US 5668942	A	19970916	US 95472151	A	19950607	199743
EP 747794	B1	20011017	EP 96304271	A	19960607	200169
DE 69615925	E	20011122	DE 615925	A	19960607	200201
			EP 96304271	A	19960607	

Priority Applications (No Type Date): US 95472151 A 19950607

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 747794	A2	E	12	G05B-019/042	
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Designated States (Regional): DE FR GB

JP 9001898	A		9	B41J-029/38	
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US 5668942	A		12	G06K-015/00	
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EP 747794	B1	E		G05B-019/042	
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Designated States (Regional): DE FR GB

DE 69615925	E			G05B-019/042	Based on patent EP 747794
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...Abstract (Equivalent): A method of **modelling** print engine resources for **scheduling** of printing **tasks** comprising...

...whereby the associated generic scheduler is adapted to schedule printing tasks of each component in **order** to obtain overall print engine resources for scheduling of printing tasks...

...International Patent Class (Additional): **G06F-003/12**

**10/3,K/34      (Item 23 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010950612      \*\*Image available\*\*

WPI Acc No: 1996-447562/199645

XRPX Acc No: N96-377165

**Work flow management system for e.g. plan document, estimation , business-trip travelling-expense bill - by deleting new data flow formed to new position during same period previous data flow position is formed, and returning to same previous data flow position**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8221486	A	19960830	JP 9527882	A	19950216	199645 B

Priority Applications (No Type Date): JP 9527882 A 19950216

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 8221486	A		5	G06F-017/60	
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**Work flow management system for e.g. plan document, estimation , business-trip travelling-expense bill...**

...Abstract (Basic): data flow without administrator operation. Can change portion of data flow dynamically during middle of **execution** without affecting system efficiency and reliability...

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): **G06F-013/00**

10/3,K/35 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010329825 \*\*Image available\*\*  
WPI Acc No: 1995-231668/199530  
XRAM Acc No: C95-106973  
XRPX Acc No: N95-180601

**Determining fertile period in a female from hormone levels measured daily  
- and computing difference between a predicted and actual level to  
determine the fertile period**

Patent Assignee: ABBOTT LAB (ABBO )  
Inventor: JENG T; MARCH S C  
Number of Countries: 020 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9516920	A1	19950622	WO 94US14455	A	19941216	199530 B
AU 9514022	A	19950703	AU 9514022	A	19941216	199542
EP 734531	A1	19961002	WO 94US14455	A	19941216	199644
			EP 95905393	A	19941216	
JP 9506713	W	19970630	WO 94US14455	A	19941216	199736
			JP 95516950	A	19941216	

Priority Applications (No Type Date): US 93168548 A 19931216

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9516920	A1	E	57	B	
Designated States (National): AU CA JP					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 9514022	A		B		Based on patent WO 9516920
EP 734531	A1	E	B		Based on patent WO 9516920
Designated States (Regional): AT BE CH DE ES FR GB IT LI NL					
JP 9506713	W		55	B	Based on patent WO 9516920

...Abstract (Basic): in an accumulated score exceeding a preset value, the days being displayed on an output **indicator** (108). Also claimed is the prediction of the beginning, or the end, of the fertile...

...USE - The method is used in **estimating** the period when sexual **activity** should be **scheduled** to maximise or minimise the probability of conception...

International Patent Class (Additional): G06F-015/42 ...

... G06F-017/10 ...

... G06F-019/00

10/3,K/36 (Item 25 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010197195 \*\*Image available\*\*  
WPI Acc No: 1995-098449/199513  
XRPX Acc No: N95-077774

**Task scheduling method for parallel processing - by creating optimum  
schedules and estimated execution time per job, respecting constraints  
between tasks and creating overall optimum schedule for jobs using  
estimated times**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: CHEN M; TUREK J J E; WOLF J L; YU P S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5392430	A	19950221	US 92968717	A	19921030	199513 B

Priority Applications (No Type Date): US 92968717 A 19921030

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5392430	A		13	G06F-009/46	

... by creating optimum schedules and estimated execution time per job, respecting constraints between tasks and creating overall optimum schedule for jobs using estimated times

...Abstract (Basic): The method involves scheduling a number of tasks to be **executed**. It takes into account precedence constraints among the tasks. A number of jobs are defined...

...a number of times corresponding to the number of processors which will be assigned to **execute** it (14). Each of the alternative optimum schedules for each job is created. An estimated job **execution** is determined for each alternative optimum schedule for each job. The estimated job **execution** time for each job and each processor is used to determine an allotment of processors...

...job schedule is created (20) for the jobs using the determined allotments. The jobs are **executed** on the processors using the job schedule...

...Title Terms: **EXECUTE** ;

International Patent Class (Main): **G06F-009/46**

**10/3,K/37 (Item 26 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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009966421 \*\*Image available\*\*

WPI Acc No: 1994-234134/199428

XRPX Acc No: N94-185174

**Planning support system for decision making in planning and analysed works - includes communication line interconnecting host computer and work-station having operator interface, planning processor, data file server and memory**

Patent Assignee: HITACHI LTD (HITA )

Inventor: MASUI S; SHINOHARA H; SUGIMOTO H; YAJIMA H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5331545	A	19940719	US 92907403	A	19920701	199428 B

Priority Applications (No Type Date): JP 91165523 A 19910705

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5331545	A		21	G06F-015/22	

...Abstract (Basic): The planning support system comprises a planner model comprising data **indicating** (i) each of a number of planning actions stored in the data file server, (ii) permitted flow **sequencing** among the planning actions, (iii) a processing time for each of planning actions, and (iv...

...device includes a device for performing a procedure for minimising expected processing time of the **planner model**, in processing a **planning action** in the **planner model**, based upon a planning request input through the operator interface...

...A further device determines a first planning action to be **executed**, and determines, based upon the **planner model** and the procedure, a second **planning action** to be **executed** following the first planning action. Another device stores the data needed to process the second...

...processing of the second planning action is started on the basis of the

permitted flow **sequencing** from the planner model...  
International Patent Class (Main): **G06F-015/22**

**10/3,K/38** (Item 27 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009407680 \*\*Image available\*\*  
WPI Acc No: 1993-101190/199312  
XRPX Acc No: N93-076976

**Flight control system with automatic turn coordination control for rotary helicopters - includes model following control system architecture providing coordinating yaw command signal to tail rotor to coordinate flight in high speed banked turns**

Patent Assignee: UNITED TECHNOLOGIES CORP (UNAC ); BOEING CO (BOEI );  
UNITED TECHN ELECTROSYSTEMS INC (UNAC )

Inventor: DRYFOOS J B; FOGLER D L; GOLD P J; KELLER J F; SKONIECZNY J P  
Number of Countries: 020 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9305461	A1	19930318	WO 92US6453	A	19920731	199312 B
AU 9224629	A	19930405	AU 9224629	A	19920731	199330
US 5238203	A	19930824	US 91751431	A	19910828	199335
EP 600988	A1	19940615	EP 92917911	A	19920731	199423
			WO 92US6453	A	19920731	
JP 6510004	W	19941110	WO 92US6453	A	19920731	199504
			JP 93505185	A	19920731	
AU 657165	B	19950302	AU 9224629	A	19920731	199516
EP 600988	B1	19950927	EP 92917911	A	19920731	199543
			WO 92US6453	A	19920731	
DE 69205172	E	19951102	DE 605172	A	19920731	199549
			EP 92917911	A	19920731	
			WO 92US6453	A	19920731	
ES 2080512	T3	19960201	EP 92917911	A	19920731	199612
IL 102969	A	19951231	IL 102969	A	19920827	199614
CA 2116564	C	19981222	CA 2116564	A	19920731	199910
KR 232332	B1	19991201	WO 92US6453	A	19920731	200111
			KR 94700622	A	19940226	

Priority Applications (No Type Date): US 91751431 A 19910828

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9305461	A1	44		G05D-001/08	
				Designated States (National):	AU CA JP KR
				Designated States (Regional):	AT BE CH DE DK ES FR GB GR IT LU MC NL SE
AU 9224629	A			G05D-001/08	Based on patent WO 9305461
US 5238203	A	25		G06F-015/50	
EP 600988	A1 E	44		G05D-001/08	Based on patent WO 9305461
				Designated States (Regional):	DE ES FR GB IT NL
JP 6510004	W	1		B64C-013/18	Based on patent WO 9305461
AU 657165	B			G05D-001/08	Previous Publ. patent AU 9224629
					Based on patent WO 9305461
EP 600988	B1 E	29		G05D-001/08	Based on patent WO 9305461
				Designated States (Regional):	DE ES FR GB IT NL
DE 69205172	E			G05D-001/08	Based on patent EP 600988
					Based on patent WO 9305461
ES 2080512	T3			G05D-001/08	Based on patent EP 600988
IL 102969	A			B64C-027/82	
CA 2116564	C			G05D-001/08	
KR 232332	B1			G05D-001/08	

...Abstract (Basic): yaw rate signal is computed to provide a yaw rate error signal, and an inverse **model** is used to **schedule** a feedforward **command** signal to adjust the helicopter's position about its yaw axis...

...Abstract (Equivalent): yaw rate signal is computed to provide a yaw rate error signal, and an inverse **model** is used to **schedule** a

feedforward **command** signal to adjust the helicopter's position about its yaw axis...

...for a helicopter of the type having: a plurality of sensors which provide sensed signals **indicative** of helicopter lateral acceleration (89, bank angle (87), yaw rate (64), roll rate (88), heading...

...yaw axis command signal presented thereto, a corresponding desired yaw rate set point signal value **indicative** of the desired helicopter rate of change about the helicopter yaw axis; characterised by: turn...

...computing said yaw rate bias signal value as a function of the sensed signal value **indicative** of bank angle, airspeed, lateral acceleration and roll rate, where said yaw rate bias signal value is **indicative** of the yaw rate required for the helicopter to be in coordinated flight during a...

...a new basis with respect to Euler inertial axes, and for providing a transformed signal **indicative** thereof; first means (466) for computing a difference signal value between said desired helicopter heading...

...signal value and the sensed heading signal value, and for providing a heading error signal **indicative** of the difference value; means (470) for re-transforming each value of said heading error...

...respect to the helicopter body axes, and for providing a transformed heading error signal value **indicative** thereof; means (478) for computing a second difference value between said desired yaw rate set ...

...and the sensed yaw rate signal value, and for providing a yaw rate rotor signal **indicative** of the second difference value; inverse model means (56) for providing for each value of said desired yaw rate set point signal a feedforward yaw set point signal value **indicative** of the amount of yaw required for the helicopter to rotate about its yaw axis ...

...Abstract (Equivalent): banked turn. The control system processes information from a variety of helicopter sensors (31) in **order** to provide the coordinating yaw command signal on an output line (72) to the tail...

...International Patent Class (Main): **G06F-015/50**

10/3,K/39 (Item 28 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007079536

WPI Acc No: 1987-079533/198711

XRPX Acc No: N87-060129

**Resource allocation method manufacture of product - basing optimisation for allocation of resource on use of slack variable indicating progress and component availability**

Patent Assignee: POWELL R A (POWE-I)

Inventor: POWELL R A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4648023	A	19870303	US 86869450	A	19860527	198711 B

Priority Applications (No Type Date): US 86869450 A 19860527; US 85737145 A 19850523

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4648023	A	7		

... basing optimisation for allocation of resource on use of slack

**variable** indicating **progress** and **component availability**

...Abstract (Basic): The product manufacturing method comprises generating a network of **activities** required to manufacture the product and estimating a time duration for each activity. A desired final completion date is determined and a baseline **schedule** date is calculated for each **activity**. The baseline **schedule** date for each prior **activity** is equal to the baseline **schedule** date for the following **activity** in the network minus the **estimated** time duration of the prior activity, the desired final completion date being the last baseline...

...USE/ADVANTAGE - For small- **order** -quantity manufacturing. Provides means to search manufacturing process in parallel for critical items and to **order** those items by their degree of criticality, provides real-time responses to inquiries about impact...

...Title Terms: **INDICATE** ;

International Patent Class (Additional): **G06F-015/00**

10/3,K/40 (Item 29 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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004787566

WPI Acc No: 1986-290907/198644

XRFX Acc No: N86-217185

**Hetero** priority requests servicing simulator - has clock generator initially forming pulses corresp. to days and with output to counter

Patent Assignee: ADERIKHIN I V (ADER-I)

Inventor: BURVI A S; VUKOLOV S A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1223241	A	19860407	SU 3724593	A	19840413	198644 B

Priority Applications (No Type Date): SU 3724593 A 19840413

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 1223241	A		6		

**Hetero** priority requests servicing simulator...

...Abstract (Basic): 25,34), triggers (26,31,38), delay circuits (27,31), inhibit circuit (28) and high- **priority** (39) and low- **priority** (40) inquiry inputs, has a clock generator (1), counters (2,4,5,7), AND-gates...

...of the individual units of the simulator, e.g. the probability of inquiries of different **priority** being served...

...USE/ADVANTAGE - In modelling of servicing of requests of different **priority** as specialised computing, **scheduled** maintenance can be **modelled** in two-channel systems serving inquiries with different **priorities**. Bul.13/ 7.4.86. (6pp Dwg.No.1/1)

...Title Terms: **PRIORITY** ;

International Patent Class (Additional): **G06F-015/20**